



29th December 2014

ASX Announcement

Predictive Discovery Limited is a gold exploration company with strong technical capabilities focused on expanding gold resources around its high grade Bongou gold deposit in Burkina Faso, West Africa.

ASX: PDI

Issued Capital: 651M shares

Cash (end November, 2014): \$1.7m

Directors

Phillip Jackson
Non-Exec Chairman

Paul Roberts
Managing Director

Phil Henty
Non-Executive Director

Tim Markwell
Non-Executive Director

Three Year Renewal of Bongou Tenure

Predictive Discovery Limited (ASX: PDI) is pleased to advise that the Burkina Faso Ministry of Mines has granted PDI a special renewal of the Madyabari Permit for three years. Madyabari includes PDI's high grade Bongou gold deposit¹.

The Ministry has also granted special renewals of the Sirba and Fouli permits for three years (see Figure 1 for locations). Both Sirba and Fouli have been explored extensively over the past four years and contain numerous promising prospects.

Mr Paul Roberts, PDI's Managing Director said: *"These three year special permit renewals allows us to advance the high grade Bongou gold deposit and surrounding prospects through to feasibility and application for mining leases. We will now proceed to sign a geochemical drill contract to start testing targets within 15km of Bongou in early January."*

"Renewal of our permits at this time is a very encouraging sign of a return to business-as-usual for the mineral exploration industry in Burkina Faso."

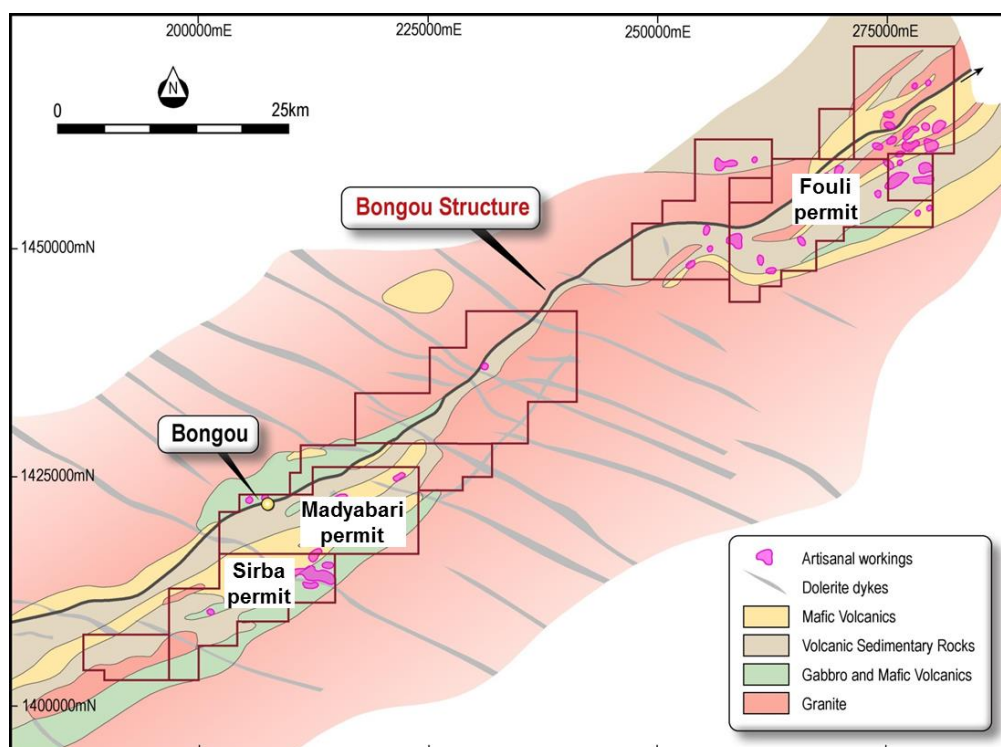


Figure 1: Locality of renewed permits on geology background

¹184,000oz in the Inferred and Indicated Mineral Resource categories with an average grade of 2.6g/t Au including 136,000oz at 3.8g/t Au (ASX release dated 4 September, 2014)

Predictive Discovery Limited (PDI) was established in late 2007 and listed on the ASX in December 2010. The Company is focused on exploration for gold in West Africa. The Company's major focus is in Burkina Faso, West Africa where it has assembled a substantial regional ground position totalling 1,605km² and is exploring for large open-pittable gold deposits. Exploration in eastern Burkina Faso has yielded a large portfolio of exciting gold prospects, including the Bongou trend where a series of high-grade gold drill intercepts have been obtained recently. PDI also has interests in a strategic portfolio of tenements in Côte D'Ivoire covering a total area of 1534 km².

Competent Persons Statement

The exploration results reported herein, insofar as they relate to mineralisation, are based on information compiled by Mr Paul Roberts (Fellow of the Australian Institute of Geoscientists). Mr Roberts is a full time employee of the company and has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Roberts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

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